automated scheduling is a complex and dynamic task. Historically, such scheduling was performed for each individual showing by one or more persons.

The Rabowsky reference discloses a system for distributing movies in a digital format to a plurality of theatres. The Rabowsky reference also discloses that an automated scheduling system is used to distribute the movies, and that each movie may include a trailer. The trailer, however, appears to be compiled at the central location or "Headend" (Rabowsky, col.12, lines 9 - 16). There is no disclosure in the Rabowsky reference regarding how the trailer is compiled at the Headend. The Rabowsky reference also states that a theatre operator may make modifications to the schedule (Rabowsky, col.12, lines 17 - 28). Any such modifications, however, are done manually. There is no automated scheduling of advertisements disclosed in Rabowsky.

With regard to claim 27, the Rabowsky reference does not disclose an automated scheduling system that selects a plurality of selected actual movie showings associated with a plurality of selected job requests to determine a schedule associated with each selected actual movie showing.

Again, the applicant submits that the Hunter reference is not prior art. In any event, the Hunter reference further does not provide the needed teaching in combination with the Rabowsky reference. The Hunter reference discloses a system for the direct placement of advertisements in digital format to electronic displays in high traffic areas in various geographic locations. The electronic displays may be billboards along a highway or may be placed indoors in areas such as movie theatres, restaurants, sports arenas and casinos. In accordance with an embodiment (Hunter col.4, lines 9 - 16), the advertisements are placed by permitting advertisers to select from available time slot openings for displays at different locations. This embodiment

of the Hunter reference does not disclose an automated scheduling system that generates a schedule. In this embodiment, the Hunter reference instead, permits advertisers to select desired time slots for different locations. There is no schedule that is automatically developed for each display that matches job requests with characteristics of the display, such as audience common interest data. Any matching of advertisements to time slots is not automatic, but rather is achieved by having a person choose each desired time slot.

In accordance with another embodiment (Hunter, col.8, lines 44 - 55), the Hunter reference discloses that the available time slots may be auctioned using an auction system such as that provided by eBay Corporation. In such a system, however, the auction process involves selecting advertisements based on price criteria, not targeting criteria as defined in claim 27. In accordance with a further embodiment (Hunter, col.8, lines 55 - 67), the Hunter reference discloses that a "software package" may be used to implement a process by which an operator selects time slots for placement of advertisements in accordance with budget criteria provided by a customer. Although a software package is mentioned, this process again appears to only involve selecting advertisements based on price criteria, not targeting criteria as defined in claim 27. The difference between price criteria and targeting criteria is significant because placement based on price simply involves filling available slots, while the use of targeting criteria involves dynamic matching based on characteristics that the members of a movie audience have in common.

Neither the Rabowsky reference nor the Hunter reference nor any combination thereof, therefore, includes the *automated* scheduling means of claim 27 that matches jobs and showings based on *targeting* criteria. Any combination of these references might only result in a system that permits each advertiser to choose a slot in each pre-movie showing or to fill-in available

time slots with advertisements based on budget criteria. This is not an automated scheduling means that matches advertisements to movie showings using common interest data. No combination of these references discloses, teaches or suggests a system as claimed in claim 27.

Dependent claim 28 further states that a *plurality* of selected job requests are matched to *each* selected actual movie showing based on common interest data, and dependent claim 29 further states that a *plurality* of actual movie showings are matched to *each* job request based on common interest data. Independent claim 38 requires that the automated scheduling means determines a schedule for each actual movie showing, and that *each schedule* is matched to a *plurality* of job requests based on common interest data. Independent method claim 43 requires the step of processing common interest data and data representative of advertising schedule requests to determine a schedule for each of a plurality of actual movie showings, and that *each* schedule is matched to a *plurality* of job requests based on common interest data. Such dynamic matching is not possible with any of the systems of the Rabowsky or Hunter references in any combination.

Each of independent claims 27, 38 and 43 (as well as dependent claims 28 - 37, 39 - 42 and 44 - 47) is therefore considered to be in condition for allowance. Favorable action consistent with the above is respectfully requested.

Respectfully submitted,

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OIPE IAP19 SEP 21 2005 PATENT & TRADEMARK OFFICE

APPLICANT:	Sprogis	**GROUP:**	3602
SERIAL NO:	09/627,870	**EXAMINER:**	Gravini, S.
FILED:	July 28, 2000		
FOR:	SYSTEM AND METHOD FOR DIGITALLY PROVIDING AND DISPLAYING ADVERTISEMENT INFORMATION TO CINEMAS AND THEATRES		

Box Non-Fee Amendments
Assistant Commissioner of Patents
Washington, D.C. 20231

COPY

AMENDMENT A

The applicant wishes to thank the Examiner for the thorough review of the above referenced pending application.

Responsive to the office action mailed on October 3, 2002, please amend the above referenced application as follows:

In the Specification:

On page 20, line 23, remove "www.php.net" and insert therein --the PHP Development Team Internet web site--; and

On page 22, line 15, remove "http://www.cinecast.com" and insert therein --an Internet web site address--.

In the Claims:

In claim 4, line 3, insert "." after --time--; and

In claim 25, line 7, remove "generating" and insert therein --receiving--.

Please rewrite claims 1, 3, 5, 8, 9, 11, 14, and 15 as follows:

--1. (Amended) A system for communicating with, and providing data representative of advertisement information to, movie projection equipment in theatres, said system comprising:

a computer storage unit for receiving and storing data representative of advertisement information;

a plurality of digital projector assemblies coupled to said computer storage unit for receiving data from said computer storage unit;

[~~a movie identification input unit for receiving information regarding a movie that is to be shown in a theatre environment associated with a first of said plurality of digital projector assemblies;~~] and

a controller for selecting certain stored data for transmission to said first digital projector assembly responsive to movie show schedule information regarding a movie that is to be shown in a theatre environment associated with said first digital projector assembly. [~~said movie identification input unit~~]

3. (Amended) A system as claimed in claim 1, wherein said movie show schedule information regarding a movie includes [~~identification input unit further receives~~] information regarding an assigned time that the movie is to be shown in the theatre environment associated with said first of said plurality of digital projector assemblies.

5. (Amended) A system as claimed in claim 1, wherein said movie show schedule information regarding a movie includes [~~identification input unit further receives~~] information

regarding an assigned location that the movie is to be shown in the theatre environment associated with said first of said plurality of digital projector assemblies.

8. (Amended) A system as claimed in claim 1, wherein said system further includes assembling means for assembling a plurality of frames into a composite frame for output by said first digital projector assembly, wherein at least one of said plurality of frames includes data representative of advertisement information responsive to said movie show schedule information [identification input unit].

9. (Amended) A system for communicating with, and displaying data representative of advertisement information to, movie projection equipment in theatres, said system comprising:

a computer storage unit for receiving and storing data representative of advertisement information;

a processing unit coupled to said computer storage unit; and

a plurality of digital projector assemblies coupled to said processing unit, said plurality of digital projector assemblies including a first projector assembly for use in a first theatre and a second projector assembly for use in a second theatre, and [~~; and~~

~~a movie identification input unit for receiving first theatre scheduling information regarding a movie that is to be shown in the first theatre, said movie identification input unit being coupled to said processing unit, and~~] said processing unit being adapted to provide a first portion of the data representative of advertisement information to the first digital projector assembly responsive to [~~said~~] first theatre scheduling information regarding a movie that is to be shown in the first theatre.

11. (Amended) A system as claimed in claim 10, wherein said system further includes a network in communication with said plurality of digital projectors[~~,~~] and said processing unit, [~~and said movie identification input unit~~].

14. (Amended) A system as claimed in claim 9, wherein said [~~movie identification input unit also receives said second theatre scheduling information regarding a movie that is to be shown in the second theatre, and said~~] processing unit is adapted to provide a second portion of the data representative of advertisement information to the second digital projector assembly responsive to [~~said~~] second theatre scheduling information regarding a movie that is to be shown in the second theatre.

15. (Amended) A method of providing data representative of advertisement information to movie projection equipment in theatres, said [~~system~~] method comprising the steps of:

initializing a computer storage unit for receiving and storing data representative of advertisement information;

receiving data from the computer storage unit at a plurality of digital projector assemblies;

[~~generating movie identification information regarding a movie that is to be shown in a theatre environment associated with a first of the plurality of digital projector assemblies;~~] and

selecting certain stored data from the computer storage unit for transmission to [~~the~~] a first digital projector assembly of said plurality of digital projector assemblies responsive to [~~the~~] movie identification information regarding a movie that is to be shown in a theatre environment associated with said first digital projector assembly.--

REMARKS

Claim of Priority under 35 U.S.C. § 119(e)(1)

Applicant's claim for domestic priority is denied in the office action because the provisional application allegedly "is not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor, at the time the application was filed, had possession of the claimed invention." See the office action, p.2.

Applicant maintains the claim for domestic priority in the above referenced utility application to U.S. Provisional Patent Application Ser. No. 60/148,807 filed August 13, 1999. Applicant's provisional application was filed pursuant to 35 U.S.C. §111(b) which states, in part, that a provisional application shall include a specification conforming to the requirements of 35 U.S.C. §112, ¶1 and at least one drawing filed under §113. The Applicant's provisional application includes 25 pages of text and drawings. The drawings in the provisional application include fifteen figures within the text of the specification that correspond to Figures 1 - 15 of the present utility application. The text of the utility application also corresponds to the text of the provisional application.

The non-provisional utility application shall be afforded the priority date of the provisional application if the two applications share at least one common inventor and the specification of the provisional application contains a written description of the invention and the manner and process of making and using it, in such full, clear, concise, and exact terms to enable an ordinarily skilled artisan to practice the invention claimed in the non-provisional application. 35 U.S.C. §112, ¶1 and §119(e)(1). The two applications share the same sole inventor, David Sprogis. The office action alleges that the provisional application upon which priority is claimed is not described in the specification in such a way as to reasonably convey to one skilled in the art of cinema advertising that the inventor, at the time the application was filed, had possession

of the claimed invention (discussed infra). There are no specific features, however, identified in the office action as allegedly not being supported by the provisional application. Although the office action does include a rejection of certain claims under §112, ¶1 (on pages 7 - 9 thereof) , it is unclear whether the features later identified in connection with the §112, ¶1 rejection are the same features that allegedly defeat the claim for priority under §119. In any event, the support for certain of the claim elements that are identified in the connection with the §112, ¶1 is identified *infra* in both the utility application as well as the provisional application, and the remaining claim elements identified in connection with the §112, ¶1 rejection have been removed from the claims by the present amendment. Applicant submits, therefore, that the refusal to grant domestic priority to the applicant's provisional application Ser. No. 60/148,807 filed August 13, 1999 must be withdrawn.

Requirement for Information under 37 C.F.R. § 1.105

In the request for additional information under 37 C.F.R. §1.105, the office action specifically refers to Applicant's rigid comparison of the pending claims to the Digital Theatre Distribution System (DTDS) sold by National Cinema Network, Inc. (NCN) as well as a CineCast high definition MPEG decoder circuit board sold by Vela LP.

The entities National Cinema Network, Inc. and Vela LP are each unrelated to the Applicant and the assignee of the present application. See the accompanying affidavit of David H. Sprogis (Sprogis Affidavit), ¶¶ 16-17. Applicant became aware of the CineCast product and Vela LP in or about November 2000 (Sprogis Affidavit, ¶16.), and became aware of NCN's DTDS system in or about September 2000. Sprogis Affidavit, ¶17.

The Applicant conceived of the invention on or about December 5, 1998. Sprogis Affidavit, ¶4. The invention was constructively reduced to practice by August 13, 1999 when

the provisional application was filed, and was actually reduced to practice by March 17, 2000 when it became operational in Framingham, Massachusetts. Sprogis Affidavit, ¶14. The utility application was filed on July 28, 2000. The Applicant diligently continued to develop the system from December 5, 1998 through July 28, 2000. Sprogis Affidavit, ¶8.

In any event, and further responsive to the requirement under 37 C.F.R. §1.105 for additional information, applicant herewith submits the information that is identified on the enclosed document entitled Response to Request Under 37 C.F.R. §1.105.

With regard to each of the specific requests in paragraph 4 of the office action, Applicant states as follows:

The closest prior art of which Applicant was aware at the time of conception of the invention is disclosed in the background section of the present application. Sprogis Affidavit, ¶19.

In drafting the provisional patent application, Applicant relied on his technical background knowledge and experience. Sprogis Affidavit, ¶18. Applicant may have relied on one or more of the patent documents identified in the Response to Request Under 37 C.F.R. §1.105 filed herewith in reviewing the general format of patent documents. Sprogis Affidavit, ¶18. Applicant may have relied on background information regarding any of the products and companies identified in the provisional patent application, and may have further relied on one or more of the websites identified in the Response to Request Under 37 C.F.R. §1.105 filed herewith. Sprogis Affidavit, ¶18.

Objection to the specification under MPEP § 608.01

In the office action, the specification was objected to because it allegedly contains embedded hyperlinks and/or other forms of browser-executable code. The specification refers to www.php.net on page 20, line 23; and http://www.cinecast.com on page 22, line 15. The specification has been amended herein to remove these unnecessary references to Internet web site addresses.

Objection of claim 4

Claim 4 is objected to in the office action as not including a period. Claim 4 has been amended hereto to address this objection.

Rejection under 35 U.S.C. § 101

Claims 15 - 16 and 25 - 26 were rejected in the office action under 35 U.S.C. §101 because the subject matter claimed therein allegedly "does not recite a useful, concrete and tangible result" under In re Alappat, 33 F.3d 1526, 31 U.S.P.Q.2d 1545 (Fed. Cir. 1994) and State Street Bank & Trust Co. v. Signature Financial Group, Inc., 149 F.3d 1368, 47 U.S.P.Q.2d 1596 (Fed. Cir. 1998), *cert. denied*, 525 U.S. 1093, 142 L.Ed.2d 704, 119 S.Ct. 851 (1999).

The Court of Appeals for the Federal Circuit held in State Street, supra, that:

> the transformation of data, representing discrete dollar amounts, by a machine through a series of mathematical calculations into a final share price, constitutes a practical application of a mathematical algorithm, formula, or calculation, because it produces a 'useful, concrete and tangible result'.

Id, 149 F.3d at 1373, 47 U.S.P.Q.2d at 1601.

As amended, independent claim 15 and dependent claim 16 are directed to a method of providing data representative of advertisement information to movie projection equipment in theatres, and include, *inter alia*, the steps of receiving data from a computer storage unit and selecting stored data from the computer storage unit for transmission to a first digital projector assembly responsive to movie identification information regarding a movie that is to be shown in a theatre environment associated with the first digital projector assembly. At least these steps involve active interrelated functional steps relating to the manipulation of data, and are directed therefore, to statutory subject matter under §101.

As amended, independent claim 25 and dependent claim 26 are directed to a method of providing advertisement information to an audience, and include, *inter alia*, the steps of identifying a common interest characteristic that each of the members of a first audience have in common, and selecting a subset of advertisement information responsive to the common interest data. At least these steps also involve active interrelated functional steps relating to the manipulation of data, and are directed therefore, to statutory subject matter under §101.

The Federal Circuit also held in State Street, supra, that any step-by-step process involves an algorithm in the broadest sense and that to be patentable an algorithm must be applied in a useful way. See AT&T Corp. v. Excel Communications, Inc., 172 F.3d 1352, 50 U.S.P.Q.2d 1447 (Fed. Cir. 1999) (reversing finding of patent invalidity under §101 for a telephone message recording method that involved generating and manipulating data).

The subject matter of each of claims 15 - 16 and 25 - 26 is plainly useful as it is embodied in a working system that is presently showing at well over one hundred theatre screens in Massachusetts, New York and New Jersey. Sprogis Affidavit, ¶¶ 14-15. Applicant submits, therefore, that each of claims 15 - 16 and 25 - 26 is directed toward statutory subject matter under 35 U.S.C. §101.

Rejections under 35 U.S.C. § 112, ¶1 and ¶2

Claims 1 - 26 were rejected under 35 U.S.C. §112, ¶1 because the specification allegedly does not disclose certain identified features. Claims 1 - 26 were also rejected under 35 U.S.C. §112, ¶2 as being allegedly indefinite with respect the same identified features.

Claim 1:

The following language from claim 1 is identified in the office action in connection with these §112 rejections.

> *a movie identification input unit for receiving information regarding a movie that is to be shown in a theatre environment associated with a first of said plurality of digital projector assemblies and a controller for selecting data responsive to said movie identification input unit*

The pertinent portion of claim 1 has been amended herein to include the following:

> a controller for selecting data responsive to movie show schedule information regarding a movie that is to be shown in a theatre environment associated with said first digital projector assembly

The exemplary controller disclosed in the specification of the present application is the schedule daemon 86 shown in Figure 6 that runs on the servers 24 shown in Figure 2. The operation of the schedule daemon 86 is discussed, at least in part, at line 3 of page 37 through line 14 of page 38 in the present application. Exemplary operational software and hardware for the servers 24 are disclosed, at least in part, at line 15 of page 15 through line 20 of page 16 in the present application. Corresponding disclosure also appears, at least in part, in Figure 2 on page 7, paragraphs 2 - 4 on page 8, Figure 6 on page 13, and in paragraph 1 of page 21 through paragraph 1 on page 22 of the provisional application.

Claim 9:

The following language from claim 9 is identified in the office action in connection with the §112 rejections.

> *movie identification input unit for receiving first theatre scheduling information regarding a movie to be shown in a first theatre, said movie identification input unit being coupled to a processing unit coupled to a storage unit, and said processing unit being adapted to provide a first portion of the data representative of advertisement information to the first digital projector assembly responsive to said first theatre scheduling information*

The pertinent portion of claim 9 has been amended herein to include the following:

> said processing unit being adapted to provide a first portion of the data representative of advertisement information to the first digital projector assembly responsive to first theatre scheduling information regarding a movie that is to be shown in the first theatre

The exemplary processing unit disclosed in the specification of the present application is also the schedule daemon 86 shown in Figure 6 that runs on the servers 24 shown in Figure 2. Again, the operation of the schedule daemon 86 is discussed, at least in part, at line 3 of page 37 through line 14 of page 38 in the present application. Exemplary operational software and hardware for the servers 24 are disclosed, at least in part, at line 15 of page 15 through line 20 of page 16 in the present application. Corresponding disclosure also appears, at least in part, in Figure 2 on page 7, paragraphs 2 - 4 on page 8, Figure 6 on page 13, and in paragraph 1 of page 21 through paragraph 1 on page 22 of the provisional application.

Claim 15:

The following language from claim 15 is identified in the office action in connection with the §112 rejections.

> *generating movie identification information regarding a movie that is to be shown in a theatre environment associated with a first of the plurality of digital projector assemblies*

The pertinent portion of claim 15 has been amended herein to include the following:

> selecting certain stored data from the computer storage unit for transmission to a first digital projector assembly of said plurality of digital projector assemblies responsive to movie identification information regarding a movie that is to be shown in a theatre environment associated with said first digital projector assembly

The step of selecting is performed by the schedule daemon 86 shown in Figure 6 that runs on the servers 24 shown in Figure 2. Again, the operation of the schedule daemon 86 is discussed, at least in part, at line 3 of page 37 through line 14 of page 38 in the present application. Exemplary operational software and hardware for the servers 24 are disclosed, at least in part, at line 15 of page 15 through line 20 of page 16 in the present application. The exemplary computer storage unit disclosed in the specification is the database 70 shown in Figure 5, which includes the job and schedules database 100 and the job content volume 102 shown in Figure 6 and discussed, at least in part, at lines 14-18 of page 25. Corresponding disclosure also appears, at least in part, in Figure 2 on page 7, paragraphs 2 - 4 on page 8, Figure 5 on page 11, Figure 6 on page 13, paragraph 2 in page 14, and paragraph 1 of page 21 through paragraph 1 on page 22 of the provisional application.

Claim 17:

The following language from claim 17 is identified in the office action in connection with the §112 rejections.

> *common interest identification means for identifying a characteristic that each of the members of a first audience has in common, and for producing common interest information*

The exemplary disclosure of the common interest identification means generally involves the use of the schedule daemon 86 shown in Figure 6, which runs on the servers 24, to access and review common interest data, for example, the tables CC_MOVIE, CC_MOVIE-RELEASE and CC_SHOWING as it becomes available on the system as discussed, in part, at line 15 of page 15 through line 20 of page 16, at lines 7-9 of page 23, at line 18 of page 32 through line 4 of page 33, at lines 3-13 of page 35, and at line 3 of page 37 through line 14 of page 38. Corresponding disclosure also appears, at least in part, in Figure 2 on page 7, paragraphs 2 - 4 on page 8, paragraph 5 on page 12, Figure 6 on page 13, paragraphs 5-6 on page 18, and in paragraph 1 on page 21 through paragraph 1 on page 22 of the provisional application.

Claim 25:

The following language from claim 25 is identified in the office action in connection with the §112 rejections.

> *generating common interest data representative of said common interest characteristics*

The pertinent portion of claim 25 has been amended herein to include the following:

> receiving common interest data representative of the common interest characteristic

The exemplary disclosure of the step of receiving common interest data also generally involves the use of the schedule daemon 86 shown in Figure 6, which runs on the servers 24, to access and review common interest data, for example, the tables CC_MOVIE, CC_MOVIE-RELEASE and CC_SHOWING as it becomes available on the system as discussed, in part, at line 15 of page 15 through line 20 of page 16, at lines 7-9 of page 23, at line 18 of page 32 through line 4 of page 33, at lines 3-13 of page 35, and at line 3 of page 37 through line 14 of page 38. Corresponding disclosure also appears, at least in part, in Figure 2 on page 7, paragraphs 2 - 4 on page 8, paragraph 5 on page 12, Figure 6 on page 13, paragraphs 5-6 on page 18, and in paragraph 1 on page 21 through paragraph 1 on page 22 of the provisional application.

Rejection under 35 U.S.C. §112, ¶6

Claims 17 - 23 were further rejected under 35 U.S.C. §112, ¶6 as allegedly "not setting a limit on how broadly the Office may construe means-plus-function language under the rubric of reasonable interpretation." Office action, p.12. It is alleged in the office action that the specification does not provide a clear limit of patentability for the storage means, common interest identification means, selection means, and display means of claims 17 - 23.

Paragraph 6 of Section 112 sets for the limits on how broadly such claims may be construed as follows:

> An element in a claim for a combination may be expressed as a means or a step for performing a specified function without the recital of structure, material, or acts in support thereof, and such claim shall be construed to cover the corresponding structure, material, or acts described in the specification and equivalents thereof.

35 U.S.C. §112, ¶6.

During examination of a claim by the U.S. Patent and Trademark Office, the claim must be interpreted in accordance with ¶6 of §112. In re Donaldson Co., Inc., 16 F.3d 1189. 1194, 29 U.S.P.Q.2d 1845, 1849 (Fed. Cir. 1994) *en banc.*

The means plus function elements of claims 17 - 23, therefore, must be interpreted to cover the structure disclosed in the specification for performing the specified function, and equivalents thereof. 35 U.S.C. §112, ¶6. The disclosure structure for the recited storage means, common interest identification means, selection means and display means are as follows:

> *storage means for receiving and storing advertisement information regarding a plurality of advertisements*

An exemplary disclosed structure for this element involves the database 70 shown in Figure 5, which is part of the servers 24 shown in Figure 2, and discussed, at least in part, at line 15 of page 15 through line 20 of page 16, and lines 21-22 of page 22. In particular, the database 70 includes the job and schedules database 100 and job content volume 102 shown in Figure 6 and discussed, at least in part at lines 14-18 of page 25.

> *common interest identification means for identifying a characteristic that each of the members of a first audience has in common, and for producing common interest information*

As discussed above, an exemplary disclosed structure for this element generally involves the use of the schedule daemon 86 shown in Figure 6, which runs on the servers 24, to access and review common interest data, for example, the tables CC_MOVIE, CC_MOVIE-RELEASE and CC_SHOWING as it becomes available on the system as discussed, in part, at line 15 of page 15 through line 20 of page 16, at lines 7-9 of page 23, at line 18 of page 32 through line 4 of page 33, at lines 3-13 of page 35, and at line 3 of page 37 through line 14 of page 38.

selection means for selecting a subset of the advertisement responsive to the common interest information

An exemplary disclosed structure for this element is the schedule daemon 86 shown in Figure 6 that runs on the servers 24 shown in Figure 2. The operation of the schedule daemon 86 is discussed, at least in part, at line 3 of page 37 through line 14 of page 38 in the present application. Exemplary operational software and hardware for the servers 24 are disclosed, at least in part, at line 15 of page 15 through line 20 of page 16 in the present application.

display means for permitting the selected subset of the advertisement information to be displayed to the first audience

An exemplary disclosed structure for this element is a client assembly 30, which includes a digital projector 34, shown in Figures 2 and 3 and discussed, at least in part, at line 21 of page 16 through line 14 of page 17. Other exemplary structure is also disclosed with reference to the client assemblies 44 and projectors 52 shown in Figure 4.

The above claim language, therefore, is clear, concise and fully supported by the present application. See S3 Inc. v. nVIDIA Corp., 259 F.3d 1364, 59 U.S.P.Q.2d 1745 (Fed. Cir. 2001) (reversing finding of patent invalidity under §112, ¶6 for patentee's alleged failure to disclose sufficient supporting structure in the specification for a data receiving and converting means).

Rejection under 35 U.S.C. §102

Claims 1 - 26 were rejected under 35 U.S.C. §102(a) over WO 00/00917 (to Hughes et al.), or "Partnership formed" from Screen Digest, or the NCN trademark filing of DTDS on December 30, 1999.

NCN trademark filing of DTDS

The NCN trademark filing of DTDS (Ser. No. 75/884194) indicates a filing date of December 30, 1999, which is after Applicant's date of conception. In view of Applicant's earlier date of conception and diligence in constructively and then actually reducing the invention to practice (Sprogis Affidavit, ¶¶ 4, 8 and 14), it is respectively submitted that this reference does not constitute prior art to the present application.

Screen Digest "Partnership formed"

The Screen Digest document is dated July 1999, which is after Applicant's date of conception. In view of Applicant's earlier date of conception and diligence in constructively and then actually reducing the invention to practice (Sprogis Affidavit, ¶¶ 4, 8 and 14), it is respectively submitted that this document does not constitute prior art to the present application.

WO 00/00917 (to Hughes et al.)

The Hughes et al. reference was published on January 6, 2000, which is after Applicant's date of conception. In view of Applicant's earlier date of conception and diligence in constructively and then actually reducing the invention to practice (Sprogis Affidavit, ¶¶ 4, 8 and 14), it is respectively submitted that this reference does not constitute prior art to the present application under 35 U.S.C. §102(a). Moreover, the Hughes et al. reference does not constitute

prior art under 35 U.S.C. §102(e). In any event, the Hughes et al. reference discloses a method and apparatus for controlling the distribution of advertisements to elevators. The Hughes et al. reference does not disclose each of the elements of any of independent claims 1, 9, 15, 17 or 25.

In particular, the Hughes et al. reference includes no disclosure of, among other elements, a controller for selecting certain stored data for transmission to a first digital projector assembly responsive to movie show schedule information regarding a movie that is to be shown in a theatre environment associated with the first digital projector assembly as claimed in claim 1.

The Hughes et al. reference includes no disclosure of, among other elements, a processing unit that is adapted to provide a first portion of data representative of advertisement information to a first digital projector responsive to first theatre scheduling information regarding a movie that is to be shown in the first theatre as claimed in claim 9.

The Hughes et al. reference includes no disclosure of, among other elements, a step of selecting certain stored data from a computer storage unit for transmission to a first digital projector assembly responsive to movie identification information regarding a movie that is to be shown in a theatre environment associated with the first digital projector assembly as claimed in claim 15.

The Hughes et al. reference includes no disclosure of, among other elements, a selection means for selecting a subset of advertisement information responsive to common interest information as claimed in claim 17.

The Hughes et al. reference includes no disclosure of, among other elements, a step of selecting a subset of advertisement information responsive to common interest data as claimed in claim 25.

The Hughes et al. reference, therefore, does not disclose each of the elements of any of independent claims 1, 9, 15, 17 or 25, and rejection of claims 1-26 under §102(a) should be withdrawn.

Claims 1 - 26 were rejected under 35 U.S.C. §102(b) over US 5,227,874 (to von Kohorn), or "Movies get a chunk" from Miami Herald, or "Proxima and NCN" from Business Wire, or US 5,568,181 (to Greenwood et al.), or US 5,761,601 (to Nemirofsky et al.), or US 5,801,754 (to Ruybal et al.), or WO 99/36341 (to DiFranza et al.), or WO 99/08216 (to Stern).

"Proxima and NCN" from Business Wire

The Business Wire reference is dated June 1999, which is after Applicant's date of conception. In view of Applicant's earlier date of conception and diligence in constructively and then actually reducing the invention to practice (Sprogis Affidavit, ¶¶ 4, 8 and 14), it is respectively submitted that this reference does not constitute prior art to the present application.

U.S. Patent No. 5,227,874 (to von Kohorn)

The von Kohorn reference discloses a method for evaluating broadcast commercials that are intended to promote purchases by shoppers. The method involves the use of interactive data acquisition and/or coupon dispensing units at stations that include television, radio or printed advertisements in a shopping environment such as a retail store. The von Kohorn reference includes no disclosure of, among other elements, selecting certain advertisements responsive to movie show schedule information

Miami Herald "Movies get a chunk"

The Miami Herald reference discloses a news article relating to a company called Screenvision Cinema Network of New York. The advertising service discussed in the Miami Herald article appears to be duplicative of the rolling stock prior art discussed in the background of the present application at lines 15-16 of page 2. In any event, the Miami Herald reference does not disclose each of the elements of any of independent claims 1, 9, 15, 17 or 25.

U.S. Patent No. 5,568,181 (to Greenwood et al.)

The Greenwood et al. reference discloses a video distribution management system that utilizes a shared video library and a wide area network to deliver video files to local caches on local area networks serving a subset of local viewing stations. The Greenwood et al. reference includes no disclosure of the processing or management of advertisements *per se*, and includes no disclosure of selecting certain advertisements responsive to movie show schedule information.

U.S. Patent No. 5,761,601 (to Nemirofsky et al.)

The Nemirofsky et al. reference discloses the distribution of advertisements to businesses, such as retail stores, that are dispersed over a wide geographical area. Although the reference discloses that video programs may be customized for particular target audiences or markets, it discloses only that pre-defined market specific segments 22 may be directed to certain geographic areas in place of a network-wide program. The reference does not disclose the selection of content responsive to information regarding the specific viewing audience. In fact, the viewing audience identified in the reference is shoppers at retail stores such as supermarkets, which may have little or nothing in common with one another other than their geographic

location. The insertion control unit 56 of the reference is not responsive to information regarding the audience, but rather is responsive to a command to switch between local or national programming.

U.S. Patent No. 5,801,754 (to Ruybal et al.)

The Ruybal et al. reference discloses an interactive theatre network system that is disclosed to link together a plurality of motion picture theatre auditoriums so that live, interactive events may be conducted with theatre audiences throughout the theatre network. The reference also states that the system has the ability to provide audience responses at any or all of the particular theaters in the network. The reference does not disclose the distribution of advertisements or the distribution of stored data responsive to information regarding the audience in each theatre.

WO 99/36341 (to DiFranza et al.)

The DiFranza et al. reference discloses a system for displaying video information to passengers of an elevator in accordance with a play list defining a sequence of messages. Although the video images may include digital advertising and the system collects or determines the geographical location, the elevator traffic patterns of the building, and the nature of the business of the building occupants, there is no disclosure of the selection of certain advertisement data responsive to movie show schedule information that is dynamic with regard to each location.

WO 99/08216 (to Stern)

The Stern reference discloses a method and apparatus for distributing advertisements to sites that are disclosed to be located in a store such as retail store. Although the system is disclosed to provide information to the store sites corresponding to products that are proximate thereto, the product information is gathered from customer queries that are placed that store sites such as kiosks. The system does not disclose the selection of certain advertisement data responsive to movie show schedule information.

None of these references (von Kohorn reference, the Miami Herald reference, the Greenwood et al. reference, the Nemirofsky et al. reference, the Ruybal et al. reference, the DiFranza et al. reference, or the Stern reference) discloses each of the elements of any of independent claims 1, 9, 15, 17 or 25.

None of these references includes a disclosure of, among other elements, a processing unit that is adapted to provide a first portion of data representative of advertisement information to a first digital projector responsive to first theatre scheduling information regarding a movie that is to be shown in the first theatre as claimed in claim 9.

None of these references includes a disclosure of, among other elements, a step of selecting certain stored data from a computer storage unit for transmission to a first digital projector assembly responsive to movie identification information regarding a movie that is to be shown in a theatre environment associated with the first digital projector assembly as claimed in claim 15.

None of these references includes a disclosure of, among other elements, a selection means for selecting a subset of advertisement information responsive to common interest information as claimed in claim 17.

None of these references includes a disclosure of, among other elements, a step of selecting a subset of advertisement information responsive to common interest data as claimed in claim 25.

None of these references, therefore, includes a disclosure of each of the elements of any of independent claims 1, 9, 15, 17 or 25, and rejection of claims 1-26 under §102(b) should be withdrawn.

Claims 1 - 26 were rejected under 35 U.S.C. §102(e) over US 5,983,069 (to Cho et al.), or US 6,009,465 (to Decker et al.), or US 6,038,367 (to Rider et al.), or non-patent literature background information from NCNInc.com.

Non-patent literature background information from NCNInc.com

The NCNInc.com reference is dated September 25, 2002, which is after Applicant's date of conception. In view of Applicant's earlier date of conception and diligence in constructively and then actually reducing the invention to practice (Sprogis Affidavit, ¶¶ 4, 8 and 14), it is respectively submitted that this reference does not constitute prior art to the present application. Moreover, to the extent that any of the text contained therein is alleged to refer to subject matter that may comprise prior art, such subject matter is believed to be duplicative of the prior art referenced in the background section of the present application at line 9 of page 2 through line 2 of page 3.

U.S. Patent No. 5,983,069 (to Cho et al.)

The Cho et al. reference discloses a video distribution system for distributing advertisements to sites, such as retail stores, that are dispersed over a wide geographic area.

Although the system appears to permit users at distribution centers to customize a video program for a particular target audience or market, there is no disclosure of the selection of certain advertisement data responsive to movie show schedule information.

U.S. Patent No. 6,009,465 (to Decker et al.)

The Decker et al. reference discloses a remote video delivery system that transmits video and text from a hotel office to hotel rooms. Although the users in the hotel rooms may select certain programs, there is no disclosure of the selection of certain advertisement data responsive to movie show schedule information.

U.S. Patent No. 6,038,367 (to Rider et al.)

The Rider et al. reference discloses a system and facility for video games with a large number of user stations and a single screen upon which the video games are displayed that is visible from each of the user stations. The reference discloses neither the transmission or display of advertisements, nor the selection of certain advertisement data responsive to movie show schedule information.

In particular, none of the Cho et al. reference, the Decker et al. reference, nor the Rider et al. reference includes a disclosure of, among other elements, a controller for selecting certain stored data for transmission to a first digital projector assembly responsive to movie show schedule information regarding a movie that is to be shown in a theatre environment associated with the first digital projector assembly as claimed in claim 1.

None of the Cho et al. reference, the Decker et al. reference, nor the Rider et al. reference includes a disclosure of, among other elements, a processing unit that is adapted to provide a first

portion of data representative of advertisement information to a first digital projector responsive to first theatre scheduling information regarding a movie that is to be shown in the first theatre as claimed in claim 9.

None of the Cho et al. reference, the Decker et al. reference, nor the Rider et al. reference includes a disclosure of, among other elements, a step of selecting certain stored data from a computer storage unit for transmission to a first digital projector assembly responsive to movie identification information regarding a movie that is to be shown in a theatre environment associated with the first digital projector assembly as claimed in claim 15.

None of the Cho et al. reference, the Decker et al. reference, nor the Rider et al. reference includes a disclosure of, among other elements, a selection means for selecting a subset of advertisement information responsive to common interest information as claimed in claim 17.

None of the Cho et al. reference, the Decker et al. reference, nor the Rider et al. reference includes a disclosure of, among other elements, a step of selecting a subset of advertisement information responsive to common interest data as claimed in claim 25.

None of the Cho et al. reference, the Decker et al. reference, nor the Rider et al. reference, therefore, anticipates any of independent claims 1, 9, 15, 17 or 25, and rejection of claims 1-26 under §102(e) should be withdrawn.

Claims 1 - 26 were rejected under 35 U.S.C. §102(b) based on alleged public use or on sale activity relating to the CineCast HD information posted on a website.

The alleged public use or on sale activity relating to the CineCast HD information appears to relate to the Vela LP document that is cited in the PTO Form 892 and describes the CineCast HD product, but does not appear to be printed from a website. The document, which is not specifically dated other than a copyright notice with a data range of 1998-2001, appears to

disclose a high definition MPEG decoder circuit board. The entity Vela LP is not related to the applicant and has no information regarding the decoder circuit boards advertised therein other than that which is disclosed in the document. There is no disclosure in this Vela LP document of each of the elements of any of claims 1, 9, 15, 17 or 25.

In particular, the Vela LP document includes no disclosure of, among other elements, a controller for selecting certain stored data for transmission to a first digital projector assembly responsive to movie show schedule information regarding a movie that is to be shown in a theatre environment associated with the first digital projector assembly as claimed in claim 1.

The Vela LP document includes no disclosure of, among other elements, a processing unit that is adapted to provide a first portion of data representative of advertisement information to a first digital projector responsive to first theatre scheduling information regarding a movie that is to be shown in the first theatre as claimed in claim 9.

The Vela LP document includes no disclosure of, among other elements, a step of selecting certain stored data from a computer storage unit for transmission to a first digital projector assembly responsive to movie identification information regarding a movie that is to be shown in a theatre environment associated with the first digital projector assembly as claimed in claim 15.

The Vela LP document includes no disclosure of, among other elements, a selection means for selecting a subset of advertisement information responsive to common interest information as claimed in claim 17.

The Vela LP document includes no disclosure of, among other elements, a step of selecting a subset of advertisement information responsive to common interest data as claimed in claim 25.

The rejection of claims 1-26 based on alleged public use or on-sale activity, therefore, must be withdrawn, and rejection of claims 1-26 under §102(b) based on on-sale or public use activity should be withdrawn.

Rejection under 35 U.S.C. §103

Claims 1 - 26 were rejected under 35 U.S.C. §103(a) over a Cyberstar press release dated November 9, 1998 in view of US 5,133,079 to (Ballantyne et al.) or in view of US 6,424,998 (to Hunter et al.).

Cyberstar press release dated November 9, 1998

The Cyberstar reference discloses an announcement that as of November 9, 1998, National Cinema Network had selected Cyberstar L.P. to "implement new technology that will deliver in-theatre media to its nationwide cinema network". Cyberstar reference, page 1. Although the reference discloses that advertisements data will be delivered to theatres, there is no disclosure of the selection of certain advertisement data responsive to movie show schedule information.

U.S. Patent No. 5,133,079 to (Ballantyne et al.)

The Ballantyne et al. reference discloses a method an apparatus for distributing movies for viewing on a customer's television set. Although the customers may select certain programs, there is no disclosure of the selection of certain advertisement data responsive to movie show schedule information.

U.S. Patent No. 6,424,998 (to Hunter et al.)

The Hunter et al. reference issued on July 23, 2002 and claims an original priority filing date of April 28, 1999, which is after Applicant's date of conception. In view of Applicant's earlier date of conception and diligence in constructively and then actually reducing the invention to practice (Sprogis Affidavit, ¶¶ 4,8 and 14), it is respectively submitted that this reference does not constitute prior art to the present application.

None of the references discloses, teaches or suggests each of the elements of the independent claims. In particular, neither the Cyberstar reference nor the Ballantyne et al. reference, nor any combination thereof, includes a disclosure of, among other elements, a controller for selecting certain stored data for transmission to a first digital projector assembly responsive to movie show schedule information regarding a movie that is to be shown in a theatre environment associated with the first digital projector assembly as claimed in claim 1.

Neither the Cyberstar reference nor the Ballantyne et al. reference, nor any combination thereof includes a disclosure, teaching or suggestion of, among other elements, a processing unit that is adapted to provide a first portion of data representative of advertisement information to a first digital projector responsive to first theatre scheduling information regarding a movie that is to be shown in the first theatre as claimed in claim 9.

Neither the Cyberstar reference nor the Ballantyne et al. reference, nor any combination thereof includes a disclosure, teaching or suggestion of, among other elements, a step of selecting certain stored data from a computer storage unit for transmission to a first digital projector assembly responsive to movie identification information regarding a movie that is to be shown in a theatre environment associated with the first digital projector assembly as claimed in claim 15.

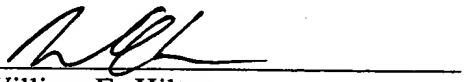
Neither the Cyberstar reference nor the Ballantyne et al. reference, nor any combination thereof includes a disclosure, teaching or suggestion of, among other elements, a selection means for selecting a subset of advertisement information responsive to common interest information as claimed in claim 17.

Neither the Cyberstar reference nor the Ballantyne et al. reference, nor any combination thereof includes a disclosure, teaching or suggestion of, among other elements, a step of selecting a subset of advertisement information responsive to common interest data as claimed in claim 25.

None of claims 1, 9, 15, 17 or 25, therefore, is disclosed, taught or suggested by any of the Cyberstar reference, the Ballantyne et al. reference, or any combination thereof. The rejection of claims 1-26 under §103(a) should be withdrawn.

Applicant respectfully urges that each of claims 1 - 26 is in condition for allowance. Favorable action consistent with the above is respectfully requested.

Respectfully submitted,



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Extension 111

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:	Sprogis	**GROUP:**	3602
SERIAL NO:	09/627,870	**EXAMINER:**	Gravini, S.
FILED:	July 28, 2000		
FOR:	SYSTEM AND METHOD FOR DIGITALLY PROVIDING AND DISPLAYING ADVERTISEMENT INFORMATION TO CINEMAS AND THEATRES		

COPY

OIPE IAP19 SEP 21 2005 PATENT & TRADEMARK OFFICE

Assistant Commissioner of Patents
Washington, D.C. 20231

AFFIDAVIT OF DAVID H. SPROGIS

1. I, David H. Sprogis, of 36 Chester Street, Watertown, Massachusetts 02472, hereby declare as follows:

2. I am the sole inventor of the subject matter of the above referenced patent application.

3. I am the Manager of CineCast LLC, a Delaware Limited Liability Corporation located at 121 Columbia Street, Cambridge, MA 02139. CineCast LLC was formed August 31, 1999. See Appendix A attached hereto.

4. I conceived of the invention as claimed in the above referenced application while waiting for the movie "Antz" to begin at a movie theatre on or about December 5, 1998.

5. At that time, I was employed by Rational Software Corporation of Cupertino, California. Rational Software Corporation sells software life-cycle tools that assist in

product development and management programs for software systems as well as a wide variety of other programs involving system modeling processes. I was employed by Rational Software Corporation as a Tool Systems Engineer in Lexington, Massachusetts from about March 1998 through April 1999. At Rational Software Corporation I was involved with implementing software license enforcement features using, in part, the programming language C++. My work at Rational Software Corporation did not relate to movies, advertisements, image processing systems or the design of database systems.

6. Prior to working at Rational Software Corporation, I was employed by Quadris Corporation of Wellesley, Massachusetts from about February 1997 - about February 1998. At Quadris Corporation I provided consulting services for a financial systems relational database for Fidelity Corporation.

7. Prior to working at Quadris Corporation, I was employed by Powersoft Corporation of Concord, Massachusetts from about April 1995 - February 1997. At Powersoft Corporation I developed software tools that permitted customers to write applications using the Powerbuilder database access language software.

8. I have continuously and diligently developed the invention in the United States as claimed in the above referenced patent application from December 1998 through at least July 28, 2000. The system was originally called "E-Cast" and the tables attached hereto as Appendix B show the names and latest modification dates of some of the archived files and documents relating to the first proposals for the system that were created in early 1999.

9. The tables attached hereto as Appendix C show the names and latest modification dates of some of the archived files and documents relating to software used in the process of presenting content to the theatre screens that is disclosed, at least in part, on Page 17, lines 9-14 and shown in Figure 3 of the above reference patent application.

10. The tables attached hereto as Appendix D show the names and latest modification dates of some of the archived files and documents, created in 1999, relating to server-side architecture that is disclosed, at least in part, on Page 24, line 6 through Page 25, line 4 and shown in Figure 6 of the above referenced patent application.

11. The tables attached hereto as Appendix E show the names and latest modification dates of some of the archived files and documents, created in 1999, relating to the presentation that is disclosed, at least in part, on Page 10, lines 12-16 of the above referenced patent application.

12. The tables attached hereto as Appendix F show the names and latest modification dates of some of the archive files and documents, created at the end of 1999, along with snap-shot pictures of the resulting screen images that are disclosed, at least in part, on Page 10, lines 12-16 and shown in Figure 1 of the above referenced patent application.

13. On or about January 1, 2000, CineCast began using the Perforce Software Configuration Management System software sold by Perforce of Alameda, California to track changes to the software as it was being developed from January 2000 forward. This software management system is still being used today. Attached as Appendix G is a

revision control change log for the software that shows changes to the program from January 24, 2000 through November 29, 2000.

14. On March 17, 2000 the system first became operational and was shown at the General Cinemas in Framingham, Massachusetts. New England Cable Network (NECN) News ran a video news piece on General Cinemas and the CineCast system at the time of the release. With reference to Appendix H, a copy of the video news piece is available at the CineCast website under Press (http://www.cinecast.com/press/htm).

15. The system of the invention is presently being shown at 117 screens in theatres in New York and New Jersey.

16. I have read the Office Action mailed on October 3, 2002 in connection with the above-referenced application, and the company Vela LP that is referred to in the "CineCast HD internet product summary" document that is cited in the office action is unrelated to me and to the assignee of the present application, CineCast LLC. I became aware of the company Vela LP in or about November 2000.

17. The company National Cinema Network (NCN) that is referred to in the office action in connection with the "NCN Inc.com Background information published 9/25/02", the "Proxima and NCN partnership from Business Wire dated June 25, 1999" and the "DTDS trademark information filed December 30, 1999" is also unrelated to me and to the assignee of the present application, CineCast LLC. I became aware of NCN's DTDS system in or about September 2000.

18. I have reviewed each of the documents that are referenced in the accompanying Response to Requirement for Information under 37 C.F.R. §1.105, and the patent document identified therein was referenced by myself during the drafting of the provisional patent application, if at all, as background material regarding the format of patents only. In drafting the provisional patent application, I relied on my technical background knowledge and experience. I may have also relied on background information regarding any of the products and companies identified in the provisional patent application, and may have further relied on or more of the websites identified in the Response to Request Under 37 C.F.R.§1.105 filed herewith.

19. To the best of my recollection, the closest prior art of which I was aware when I conceived of the invention is disclosed in the background section of the present application.

20. I acknowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001, and that such willful false statements and the like may jeopardize the validity of the application or document or any registration resulting therefrom, and I further declare that all statements made of my knowledge are true and that all statements made on information and belief are believed to be true.

*****

Date: November 27, 2002

David H. Sprogis

36 Chester Street
Watertown, MA 02472

Notary:

Date: November 27, 2002

Name: Deborah M Costello

My Commission Expires: 8/27/2004

State of Delaware

Office of the Secretary of State

A

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "CINECAST LLC" IS DULY FORMED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE THIRTY-FIRST DAY OF AUGUST, A.D. 1999.

Edward J. Freel, Secretary of State

3041182 8300

991364198

AUTHENTICATION: 9948707

DATE: 08-31-99

EXHIBIT B

B

```
 Directory of  F:\CineCast\1999-0~1\*

 1/25/1999  10:22         982,528  E-Cast proposal 7.doc
 1/25/1999   9:18          41,472  Loews Opportunity.xls
      1,173,676 bytes in 4 files and 1 dir    1,179,648 bytes allocated

 Directory of  F:\CineCast\1999-0~1\proposal\*

 1/13/1999  21:46          37,376  E-Cast proposal 2.doc
 1/16/1999  17:33         187,392  E-Cast proposal 3.doc
 1/08/1999  11:59          23,040  E-Cast proposal.doc
        247,808 bytes in 3 files and 0 dirs    253,952 bytes allocated
```

```
Directory of  F:\CineCast\1999-0~4\CINECA~2\CineCast\WITHRU~1\Archive\E-
CAST~1\DAVE'S~1\E-Cast\WITHRU~1\*

 2/02/1999  19:23       3,758,592  E-Cast Proposal 1.doc
 2/03/1999  20:34       1,097,728  E-Cast Proposal 2.doc
 2/03/1999  22:55       4,529,664  E-Cast Proposal 3.doc
 2/04/1999  21:59       1,025,536  E-Cast Proposal 4.doc
 2/05/1999  22:36       1,018,368  E-Cast Proposal 5.doc
 2/06/1999  11:28       1,019,904  E-Cast Proposal 6.doc
 2/06/1999  14:15       4,319,232  E-Cast Proposal 7.doc
 2/06/1999  14:58       2,307,584  E-Cast Proposal 8.doc
 2/06/1999  15:39       2,917,376  E-Cast Proposal 9.doc
 2/06/1999  16:07       2,926,592  E-Cast Proposal A.doc
 2/06/1999  16:23         868,352  E-Cast Proposal B.doc
 2/06/1999  18:29       3,165,184  E-Cast Proposal C.doc
 2/06/1999  18:30       2,194,432  E-Cast Proposal D.doc
 2/07/1999  13:08       3,376,640  E-Cast Proposal E.doc
 2/07/1999  13:34       2,565,632  E-Cast Proposal F.doc
 2/07/1999  13:56       1,258,496  E-Cast Proposal G.doc
     38,349,312 bytes in 17 files and 0 dirs    38,375,424 bytes allocated
```

EXHIBIT C

C

```
Directory of  F:\CineCast\1999-0~2\Ecast\*

 1/27/1999  11:13          16,896  ECast.exe
 1/27/1999  11:13             787  ECast.vbp
 1/27/1999  11:13              52  ECast.vbw
 1/27/1999  11:13           7,762  FormMain.frm
 1/26/1999  16:16             190  MSSCCPRJ.SCC
        25,687 bytes in 6 files and 1 dir    40,960 bytes allocated
```

```
Directory of  F:\CineCast\1999-0~4\CINECA~2\CineCast\DEMOSA~1\VBECAS~1\*

 1/27/1999  11:13          16,896  ECast.exe
 1/28/1999  20:19             787  ECast.vbp
 2/17/1999  21:45              52  ECast.vbw
 1/28/1999  20:19           7,567  FormMain.frm
 1/28/1999  20:10             393  FormMain.log
 1/26/1999  16:16             190  MSSCCPRJ.SCC
 1/28/1999  20:19           7,762  VB9.tmp
        33,647 bytes in 8 files and 3 dirs    53,248 bytes allocated
```

```
Directory of  F:\CineCast\191FD4~1\CINECA~1\MYDOCU~1\DEMOSA~1\VBPROJ~1\CINECA~1\*

 4/11/1999  21:22          24,576  CineCast Browser.exe
 4/11/1999  21:22           2,025  dlgChannelSelect.frm
 4/11/1999  21:22             130  dlgChannelSelect.frx
 1/27/1999  11:13          16,896  ECast.exe
 4/11/1999  21:23             866  ECast.vbp
 4/11/1999  21:23             115  ECast.vbw
 4/11/1999  21:22           3,822  FormMain.frm
 1/28/1999  20:10             393  FormMain.log
 1/26/1999  16:16             190  MSSCCPRJ.SCC
 1/28/1999  20:19           7,762  VB9.tmp
        56,775 bytes in 11 files and 1 dir    81,920 bytes allocated
```

```
Directory of  F:\CineCast\1999-0~4\CINECA~2\CineCast\ARTICL~1\ARTICL~1\WEBAND~1\*

 2/22/1999  18:04          41,984  Angles of View.doc
 2/22/1999  17:51          39,424  BARCO MILESTONES.doc
 2/22/1999  18:10          66,048  Buyers Guide to Projectors.doc
 2/22/1999  18:28          84,992  Development and Expansion of LCD Applications.doc
 2/22/1999  18:11          37,376  DLP Analysis.doc
 2/22/1999  18:21          29,184  Expanding LCD Market.doc
 2/22/1999  16:52         181,248  Internet History 3 (Med+pix).doc
 2/22/1999  17:10          48,128  Internet History 4 (short bullets).doc
 2/22/1999  17:15          58,368  Internet History 5 (short bullets).doc
 2/22/1999  17:39         109,568  Internet History 6 (short para).doc
 2/22/1999  18:12          34,304  Is Brighter Better.doc
 2/22/1999  18:01          33,280  LCD history.doc
 2/22/1999  18:00          31,744  LCD Projects Compared.doc
 2/22/1999  16:18         219,648  Long Internet History.doc
 2/22/1999  16:15          45,568  The History of the Internet.doc
     1,060,864 bytes in 16 files and 0 dirs    1,097,728 bytes allocated
```

```
Directory of
F:\CineCast\191FD4~1\CINECA~1\MYDOCU~1\DEMOSA~1\VBPROJ~1\RTFX\RTFEDI~1\*

 4/11/1999  10:52           1,481  Form1.frm
 4/11/1999  10:52             225  Form1.frx
 4/11/1999  10:52             343  MSSCCPRJ.SCC
 4/11/1999  10:52             674  Project1.vbp
 4/11/1999  10:54              52  Project1.vbw
 4/10/1999  19:16             763  RichText.vbp
 4/10/1999  19:49              43  RichText.vbw
 4/10/1999  19:16           1,523  RTF1.ctl
 4/10/1999  19:48       1,147,138  test.rtf
 4/10/1999  19:50       1,147,129  test2.rtf
 4/10/1999  19:50               0  VB21B6.TMP
 4/10/1999  19:46               0  VBE270.TMP
     2,299,371 bytes in 13 files and 0 dirs    2,334,720 bytes allocated
```

EXHIBIT D

D

```
Directory of  F:\CineCast\1999-1~1\BUSINE~1\PRESEN~1\*

10/06/1999   8:45          20,480  CineCast Demo Segements.doc
 6/25/1999   7:12          35,840  CineCast Development.doc
10/11/1999  13:44          29,184  CineCast Executive Summary.doc
 8/31/1999   5:26         240,128  CineCast Plan Digital Projection - Sept 1.ppt
11/09/1999  10:17         645,120  CineCast Plan Doyle and IAB.ppt
11/09/1999   9:44       3,347,968  CineCast Plan GCX - Nov 10.ppt
10/12/1999   5:08       3,297,280  CineCast Plan GCX - Oct 13.ppt
10/11/1999   9:42       4,353,536  CineCast Plan GCX-pre-presentation.ppt
11/09/1999  10:16         403,968  CineCast Plan IMax - DP.ppt
 9/20/1999  11:21       6,866,432  CineCast Plan PWC.ppt
10/11/1999  14:19          20,480  CineCast Professional Services.doc
10/11/1999  13:50          22,016  CineCast Professional Summary.doc
10/11/1999  14:13          21,504  CineCast Supporting Sources.doc
10/05/1999   8:57          19,456  Demo Content.doc
 2/09/1999   4:12          26,112  Mall Proposal 2.doc
 5/11/1999  18:56          56,320  mkt1 from Steve.ppt
 2/07/1999  11:11          38,912  Pilot 1.xls
 4/26/1999  19:31          38,400  Plan.doc
     19,483,136 bytes in 19 files and 5 dirs    19,513,344 bytes allocated
```

```
Directory of  F:\CineCast\1999-1~1\Inetpub\wwwroot\STARTI~1\INTERF~1\ADVERT~1\*

 9/25/1999  11:42             989  home.htm
 9/25/1999  12:17           1,100  home.php3
 9/25/1999   7:58           1,591  home.php3.bak
 9/25/1999  12:01           1,312  logout.php3
 9/25/1999  12:18           2,806  project.php3
          7,798 bytes in 6 files and 0 dirs    20,480 bytes allocated
```

EXHIBIT E

E

```
Directory of  F:\CineCast\1999-0~2\Ecast\ad content\*

 1/26/1999  16:32           9,808  bahago.gif
 1/26/1999  19:58           1,925  Base.swf
 1/26/1999  21:21             805  bus schedule.htm
 1/26/1999  19:53          81,231  chase.swf
 1/26/1999  16:33          12,241  commglobe.gif
 1/26/1999  19:11          89,708  db07.swf
 1/26/1999  18:56          37,719  dir.dir
 1/26/1999  19:58           6,206  Enter.swf
 1/26/1999  19:58             909  flashFile.htm
 1/26/1999  18:55           6,209  fla_plyr_tester.swf
 1/11/1999  16:57           9,924  HDWM0014_LG.gif
 1/26/1999  19:59         111,191  hiller environment.swf
 1/26/1999  20:00          42,394  hiller leading.swf
 1/26/1999  20:00         238,126  hiller projects.swf
 1/26/1999  19:59          29,273  Home.swf
 1/26/1999  19:58          74,611  Icons.swf
 1/26/1999  20:13         131,832  mondays.swf
 1/26/1999  21:27           1,225  news.txt
 1/26/1999  20:58           1,026  occcolor.class
 1/26/1999  20:58           1,012  ocfontc.class
 1/26/1999  20:58             990  preskey.class
 1/26/1999  19:59          28,507  Shared.swf
 1/26/1999  19:58          83,012  Teaser.swf
 1/26/1999  20:58          11,896  vsb.class
 1/26/1999  20:58           1,909  vsbread.class
      1,013,689 bytes in 25 files and 0 dirs    1,073,152 bytes allocated
```

```
Directory of  F:\CineCast\191FD4~1\CINECA~1\MYDOCU~1\DEMOSA~1\VISUAL~1\Project1\*

 4/10/1999  15:53           2,877  Applet1.class
 4/10/1999  15:52           3,125  Applet1.java
 4/10/1999  15:52              55  codebase.dat
 4/10/1999  15:52             408  Page1.htm
 4/10/1999  15:53             513  Project1.sln
 4/10/1999  15:53           4,608  Project1.suo
 4/10/1999  15:53           3,640  Project1.vjp
         15,226 bytes in 8 files and 0 dirs    32,768 bytes allocated
```

```
Directory of  F:\CineCast\1999-0~4\CINECA~2\CineCast\DEMOSA~1\Content\*

 2/23/1999  21:43          18,851  1958rolls.gif
 1/17/1999  14:23          11,323  bmw - kid.gif
 1/17/1999  13:05           3,981  Bullock.jpg
 1/17/1999  13:07             186  Bullock.txt
 1/17/1999  15:30           2,662  ecast.gif
 2/23/1999  22:05           7,082  ektapro1.jpg
 1/17/1999  14:28          14,446  fleetfaxservice.gif
 1/17/1999  13:09           6,190  gdmldb.htm
 2/23/1999  21:31          16,826  golden_gate3d1.jpg
 2/23/1999  21:46          41,004  half60rr.gif
 2/23/1999  21:32          23,882  inside2.jpg
 1/17/1999  14:26          13,489  land rover.gif
 2/23/1999  21:51          47,798  logo(2).gif
 2/23/1999  22:30          46,792  mrlimo-2.jpg
 2/23/1999  22:31          46,768  mrlimo-3.jpg
 2/23/1999  21:55          66,453  mrlimo.jpg
 1/17/1999  14:43           7,980  patriots.jpg
 1/17/1999  13:45           6,825  Prince Edward.jpg
 2/23/1999  22:05          24,863  proj.gif
 2/23/1999  22:29          20,483  proj2.gif
 1/17/1999  14:47          11,878  red socks.bmp
 1/17/1999  13:09          78,246  star trek.bmp
 1/17/1999  14:23           8,505  victory2.gif
 1/17/1999  14:24           7,593  victorygroup.html
       534,106 bytes in 25 files and 0 dirs    585,728 bytes allocated

Directory of  F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1\StarWars\*

 5/15/1999  11:24             878  Banner Bottom.htm
 5/15/1999  11:45             878  Banner Top.htm
 5/15/1999  10:04             170  Center.htm
 5/15/1999  12:13             906  MainFrame.htm
 5/15/1999  12:27           5,466  NewsColumn.htm
 5/15/1999  12:26             309  NewsColumnTitle.htm
 5/15/1999  10:15             174  Right.htm
         8,781 bytes in 7 files and 2 dirs    32,768 bytes allocated

 Directory of  F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1\StarWars\images\*

 5/15/1999  11:40           5,000  Amidala.jpg
 5/15/1999  11:40           2,962  people at the movies.gif
 5/15/1999  11:40           4,774  StarWars banner.gif
 5/15/1999  11:40           8,677  Young Darth.jpg
        21,413 bytes in 4 files and 2 dirs    32,768 bytes allocated

 Directory of  F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1\StarWars\images\Banner Ads\*

 5/15/1999  11:40           9,808  bahago.gif
 5/15/1999  11:40          11,323  bmw - kid.gif
 5/15/1999  11:40          12,241  commglobe.gif
 5/15/1999  11:40          12,225  ebay39.gif
 5/15/1999  11:40          14,446  fleetfaxservice.gif
 5/15/1999  11:40           9,924  HDWM0014_LG.gif
 5/15/1999  11:40          13,332  kronosbanner2.gif
 5/15/1999  11:40          13,489  land rover.gif
 5/15/1999  11:40          15,350  marriott.gif
 5/15/1999  11:40           8,381  newbrit2.gif
 5/15/1999  11:40          12,573  oneworld3.gif
 5/15/1999  11:40          15,534  sunban2.gif
 5/15/1999  11:40          10,196  travnew.gif
 5/15/1999  11:40           6,922  WPIfeb99.gif
       165,744 bytes in 14 files and 1 dir    192,512 bytes allocated

 Directory of  F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1\StarWars\images\Banner
Ads\_vti_cnf\*

 5/15/1999  11:40             438  bahago.gif
 5/15/1999  11:40             417  bmw - kid.gif
 5/15/1999  11:40             417  commglobe.gif
```

```
5/15/1999  11:40               417  ebay39.gif
5/15/1999  11:40               417  fleetfaxservice.gif
5/15/1999  11:40               416  HDWM0014_LG.gif
5/15/1999  11:40               417  kronosbanner2.gif
5/15/1999  11:40               417  land rover.gif
5/15/1999  11:40               417  marriott.gif
5/15/1999  11:40               416  newbrit2.gif
5/15/1999  11:40               417  oneworld3.gif
5/15/1999  11:40               417  sunban2.gif
5/15/1999  11:40               417  travnew.gif
5/15/1999  11:40               416  WPIfeb99.gif
         5,856 bytes in 14 files and 0 dirs     57,344 bytes allocated

Directory of  F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1\StarWars\images\_vti_cnf\*

5/15/1999  12:30               506  Amidala.jpg
5/15/1999  12:26               510  people at the movies.gif
5/15/1999  12:30               505  StarWars banner.gif
5/15/1999  12:30               506  Young Darth.jpg
         2,027 bytes in 4 files and 0 dirs     16,384 bytes allocated
```

```
 Directory of  F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1\Titanic\*

 5/15/1999  11:46               878  Banner Bottom.htm
 5/15/1999  11:46               878  Banner Top.htm
 5/15/1999  14:30             1,504  Center.htm
 5/15/1999  12:53               939  MainFrame.htm
 5/15/1999  12:30               280  NewsColumn.htm
 5/15/1999  12:24               320  NewsColumnTitle.htm
 5/15/1999  11:46               174  Right.htm
         4,973 bytes in 7 files and 2 dirs    28,672 bytes allocated

 Directory of  F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1\Titanic\images\*

 5/15/1999  12:19             2,962  people at the movies.gif
         2,962 bytes in 1 file and 3 dirs    4,096 bytes allocated

 Directory of  F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1\Titanic\images\Banner Ads\*

 5/15/1999  11:41             9,808  bahago.gif
 5/15/1999  11:41            11,323  bmw - kid.gif
 5/15/1999  11:41            12,241  commglobe.gif
 5/15/1999  11:41            12,225  ebay39.gif
 5/15/1999  11:41            14,446  fleetfaxservice.gif
 5/15/1999  11:41             9,924  HDWM0014_LG.gif
 5/15/1999  11:41            13,332  kronosbanner2.gif
 5/15/1999  11:41            13,489  land rover.gif
 5/15/1999  11:41            15,350  marriott.gif
 5/15/1999  11:41             8,381  newbrit2.gif
 5/15/1999  11:41            12,573  oneworld3.gif
 5/15/1999  11:41            15,534  sunban2.gif
 5/15/1999  11:41            10,196  travnew.gif
 5/15/1999  11:41             6,922  WPIfeb99.gif
       165,744 bytes in 14 files and 1 dir    192,512 bytes allocated

 Directory of  F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1\Titanic\images\Banner
Ads\_vti_cnf\*

 5/15/1999  11:41               438  bahago.gif
 5/15/1999  11:41               417  bmw - kid.gif
 5/15/1999  11:41               417  commglobe.gif
 5/15/1999  11:41               417  ebay39.gif
 5/15/1999  11:41               417  fleetfaxservice.gif
 5/15/1999  11:41               416  HDWM0014_LG.gif
 5/15/1999  11:41               417  kronosbanner2.gif
 5/15/1999  11:41               417  land rover.gif
 5/15/1999  11:41               417  marriott.gif
 5/15/1999  11:41               416  newbrit2.gif
 5/15/1999  11:41               417  oneworld3.gif
 5/15/1999  11:41               417  sunban2.gif
 5/15/1999  11:41               417  travnew.gif
 5/15/1999  11:41               416  WPIfeb99.gif
         5,856 bytes in 14 files and 0 dirs    57,344 bytes allocated

 Directory of  F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1\Titanic\images\Cassatt\*

 5/15/1999  11:41            22,548  balcony.jpg
 5/15/1999  11:41            25,568  banjo.jpg
 5/15/1999  11:41            19,956  bath.jpg
 5/15/1999  11:41            20,843  bullfighter.jpg
 5/15/1999  11:41            33,792  Cassatt.doc
 5/15/1999  11:41            18,778  cassatt.jpg
 5/15/1999  11:41             5,216  cassattlogo.gif
 5/15/1999  11:41             3,272  cassattlogo2.gif
 5/15/1999  11:41            19,039  children.jpg
 5/15/1999  11:41            24,749  fireside.jpg
 5/15/1999  11:41            28,300  fruit.jpg
 5/15/1999  11:41            30,459  garden.jpg
 5/15/1999  11:41            24,927  girl.jpg
 5/15/1999  11:41            16,873  intheloge.jpg
 5/15/1999  11:41            19,918  kitchen.jpg
 5/15/1999  11:41            26,257  letter.jpg
```

```
 5/15/1999  11:41           1,818  mfalogo.gif
 5/15/1999  11:41           2,281  mfalogo2.gif
 5/15/1999  11:41           4,295  mfa_logo_bottom.gif
 5/15/1999  11:41           1,080  mfa_logo_top.gif
 5/15/1999  11:41          25,581  mother2.jpg
 5/15/1999  11:41          22,448  motherandchild.jpg
 5/15/1999  11:41          24,906  tea2.jpg
 5/15/1999  11:41          18,551  whitecoat.jpg
 5/15/1999  11:41          18,580  womaninaloge.jpg
        460,035 bytes in 25 files and 1 dir    520,192 bytes allocated

 Directory of
F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1\Titanic\images\Cassatt\_vti_cnf\*

 5/15/1999  11:41             417  balcony.jpg
 5/15/1999  11:41             417  banjo.jpg
 5/15/1999  11:41             417  bath.jpg
 5/15/1999  11:41             417  bullfighter.jpg
 5/15/1999  11:41             523  Cassatt.doc
 5/15/1999  11:41             417  cassatt.jpg
 5/15/1999  11:41             416  cassattlogo.gif
 5/15/1999  11:41             416  cassattlogo2.gif
 5/15/1999  11:41             417  children.jpg
 5/15/1999  11:41             417  fireside.jpg
 5/15/1999  11:41             417  fruit.jpg
 5/15/1999  11:41             417  garden.jpg
 5/15/1999  11:41             417  girl.jpg
 5/15/1999  12:37             417  intheloge.jpg
 5/15/1999  11:41             417  kitchen.jpg
 5/15/1999  11:41             417  letter.jpg
 5/15/1999  11:41             416  mfalogo.gif
 5/15/1999  11:41             416  mfalogo2.gif
 5/15/1999  11:41             416  mfa_logo_bottom.gif
 5/15/1999  11:41             416  mfa_logo_top.gif
 5/15/1999  11:41             417  mother2.jpg
 5/15/1999  11:41             417  motherandchild.jpg
 5/15/1999  11:41             417  tea2.jpg
 5/15/1999  11:41             417  whitecoat.jpg
 5/15/1999  11:41             417  womaninaloge.jpg
        10,525 bytes in 25 files and 0 dirs    102,400 bytes allocated

 Directory of  F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1\Titanic\_derived\*

 5/15/1999  11:46           3,254  MainFrame.htm_cmp_global100_bnr.gif
         3,254 bytes in 1 file and 0 dirs     4,096 bytes allocated

 Directory of  F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1\_borders\*

 5/14/1999  20:03             463  left.htm
 5/14/1999  20:03             701  top.htm
         1,164 bytes in 2 files and 0 dirs     8,192 bytes allocated

 Directory of  F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1\_derived\*

 5/14/1999  20:08             365  home_cmp_global100_hbtn.gif
           365 bytes in 1 file and 1 dir     4,096 bytes allocated

 Directory of  F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1\_derived\_vti_cnf\*

 5/14/1999  20:08             314  home_cmp_global100_hbtn.gif
           314 bytes in 1 file and 0 dirs     4,096 bytes allocated

 Directory of  F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1\_fpclass\*

 5/14/1999  20:08          11,684  fphover.class
 5/14/1999  20:08           2,041  fphoverx.class
        13,725 bytes in 2 files and 0 dirs     16,384 bytes allocated

 Directory of  F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1\_overlay\*

 5/14/1999  20:08             105  home_nav_global000_hbtn.gif
```

```
          105 bytes in 1 file and 0 dirs    4,096 bytes allocated

Directory of  F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1\_private\*

3/27/1999  15:43               369  #haccess.ctl
          369 bytes in 1 file and 0 dirs    4,096 bytes allocated

Directory of  F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1\_themes\*

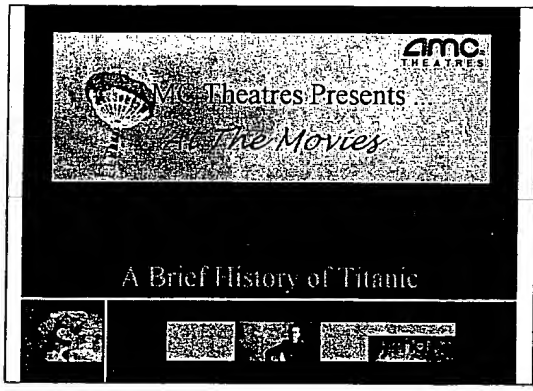
5/14/1999  20:08             2,236  themes.inf
         2,236 bytes in 1 file and 1 dir    4,096 bytes allocated

Directory of  F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1\_themes\global\*

5/14/1999  20:08               519  color0.css
5/14/1999  20:08               537  color1.css
5/14/1999  20:08                89  global.inf
5/14/1999  20:08                89  global.utf8
5/14/1999  20:08             8,937  globanna.gif
5/14/1999  20:08             2,906  globannd.gif
5/14/1999  20:08                96  globul1a.gif
5/14/1999  20:08                92  globul1d.gif
5/14/1999  20:08                67  globul2a.gif
5/14/1999  20:08                64  globul2d.gif
5/14/1999  20:08                65  globul3a.gif
5/14/1999  20:08                63  globul3d.gif
5/14/1999  20:08               118  gloglob.gif
5/14/1999  20:08               546  glohbuda.gif
5/14/1999  20:08               297  glohbudd.gif
5/14/1999  20:08               819  glohbuha.gif
5/14/1999  20:08               890  glohbusa.gif
5/14/1999  20:08               587  glohbusd.gif
5/14/1999  20:08               266  glohombd.gif
5/14/1999  20:08               261  glohomda.gif
5/14/1999  20:08               259  glohomha.gif
5/14/1999  20:08               267  glohomsa.gif
5/14/1999  20:08               146  glohorsa.gif
5/14/1999  20:08               139  glohorsd.gif
5/14/1999  20:08               334  glonexbd.gif
5/14/1999  20:08               324  glonexda.gif
5/14/1999  20:08               323  glonexha.gif
5/14/1999  20:08               328  glonexsa.gif
5/14/1999  20:08               328  gloprebd.gif
5/14/1999  20:08               319  glopreda.gif
5/14/1999  20:08               317  glopreha.gif
5/14/1999  20:08               321  glopresa.gif
5/14/1999  20:08               181  glotextb.gif
5/14/1999  20:08               330  gloupbd.gif
5/14/1999  20:08               322  gloupda.gif
5/14/1999  20:08               319  gloupha.gif
5/14/1999  20:08               322  gloupsa.gif
5/14/1999  20:08               546  glovbuda.gif
5/14/1999  20:08               297  glovbudd.gif
5/14/1999  20:08               819  glovbuha.gif
5/14/1999  20:08               893  glovbusa.gif
5/14/1999  20:08               576  glovbusd.gif
5/14/1999  20:08             1,539  graph0.css
5/14/1999  20:08             1,979  graph1.css
5/14/1999  20:08               651  theme.css
        29,487 bytes in 45 files and 0 dirs    192,512 bytes allocated
```

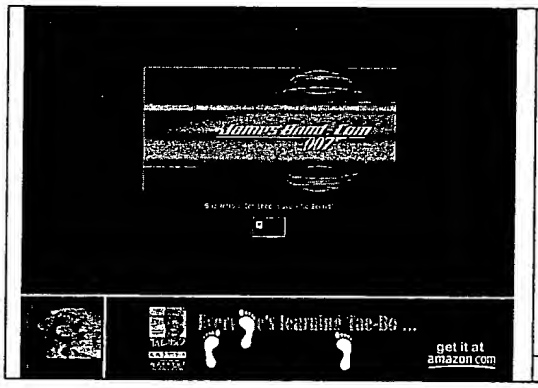
EXHIBIT F

F



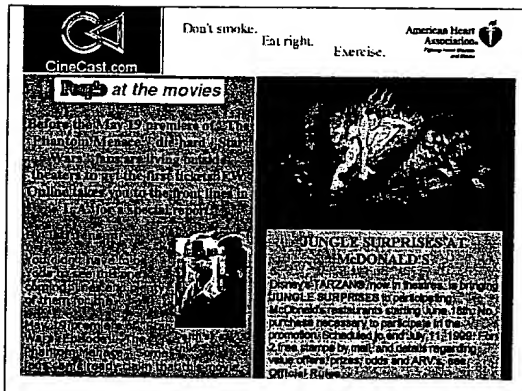

```
Directory of  F:\CineCast\1999-12
CD\Inetpub\wwwroot\starting_point\cinecast in the
theater\titanic_amc\*

12/06/1999  10:13           1,434  ad.htm
12/06/1999  10:13           1,270  Default.htm
12/08/1999   7:31          23,713  feature.htm
12/06/1999  10:13             198  info.htm
12/07/1999  13:53             542  main.htm
12/06/1999  10:13           4,212  sponsor.htm
12/06/1999  10:13           1,270  Volume.htm
         32,639 bytes in 8 files and 5 dirs    131,072 bytes allocated
```




```
Directory of  F:\CineCast\1999-12 CD
\Inetpub\wwwroot\starting_point\cinecast in the theater\bond_amc\*

12/14/1999  17:37           1,434  ad.htm
12/14/1999  17:37           1,270  Default.htm
12/14/1999  17:43          18,545  feature2.htm
12/14/1999  17:37             198  info.htm
12/14/1999  18:16          70,473  intro_flash.swf
12/14/1999  18:25           4,070  main.htm
12/14/1999  18:26             539  main2.htm
12/14/1999  17:37           4,212  sponsor.htm
12/14/1999  17:37           1,270  Volume.htm
        102,011 bytes in 10 files and 5 dirs    229,376 bytes
allocated
```




```
Directory of  F:\CineCast\1999-12 CD
\Inetpub\wwwroot\starting_point\cinecast in the theater\tarzan\*

 7/07/1999  16:43           1,349  banner1.htm
10/01/1999  14:32             457  bottom_frame.htm
10/01/1999  14:32             645  bottom_left.htm
10/01/1999  14:32           1,565  bottom_right.htm
 7/07/1999  16:51             645  cinecast.htm
11/13/2002  18:23               0  jnk.txt
10/01/1999  14:32             404  main_frame.htm
10/01/1999  14:32           5,522  newscolumn.htm
10/01/1999  14:32             262  newscolumntitle.htm
 7/07/1999  15:44         268,600  tarzan.swf
 7/07/1999  10:40         177,693  tarzan_main.swf
10/01/1999  14:32             446  top_frame.htm
        457,588 bytes in 12 files and 0 dirs    606,208 bytes
allocated
```

```
Change 1 on 2000/01/24 by dzehme@cc_dzehme 'ERD version 1 '
Change 2 on 2000/01/24 by dzehme@cc_dzehme 'ERD CC_2 '
Change 3 on 2000/01/24 by dzehme@cc_dzehme 'ERD CC_3 '
Change 4 on 2000/01/24 by dzehme@cc_dzehme 'ERD CC_4 '
Change 5 on 2000/01/24 by dzehme@cc_dzehme 'ERD cC_5 '
Change 6 on 2000/01/24 by dzehme@cc_dzehme 'ERD CC_6 '
Change 7 on 2000/01/24 by dzehme@cc_dzehme 'ERD CC_7 '
Change 8 on 2000/01/24 by dzehme@cc_dzehme 'ERD CC_8 '
Change 9 on 2000/01/24 by dzehme@cc_dzehme 'ERD CC_9 '
Change 10 on 2000/01/24 by dzehme@cc_dzehme 'ERD CC_9 (WMF) '
Change 11 on 2000/01/24 by dzehme@cc_dzehme 'ERD CC_10 '
Change 12 on 2000/01/24 by dzehme@cc_dzehme 'ERD CC_11 '
Change 13 on 2000/01/24 by dzehme@cc_dzehme 'ERD CC_12 '
Change 14 on 2000/01/24 by dzehme@cc_dzehme 'ERD CC_11 (SQL) '
Change 15 on 2000/01/24 by dzehme@cc_dzehme 'ERD CC_12 (SQL) '
Change 16 on 2000/01/24 by dzehme@cc_dzehme 'ERD changes '
Change 17 on 2000/01/24 by dzehme@cc_dzehme 'Countries and static data '
Change 18 on 2000/01/24 by dzehme@cc_dzehme 'First cut of web site '
Change 19 on 2000/01/31 by dzehme@cc_dzehme 'Initial web site '
Change 20 on 2000/01/31 by dzehme@cc_dzehme 'ERD changes '
Change 21 on 2000/01/31 by dzehme@cc_dzehme 'Initial version of enhanced cli'
Change 24 on 2000/02/01 by dzehme@cc_dzehme 'Changed to new timer object '
Change 39 on 2000/02/02 by dzehme@cc_dzehme 'Made changes to support content'
Change 40 on 2000/02/03 by dzehme@cc_dzehme 'Added support for waiting for m'
Change 41 on 2000/02/03 by dzehme@cc_dzehme 'Added new toolbar control '
Change 42 on 2000/02/07 by dzehme@cc_dzehme 'Added Open functionality  Fixed'
Change 43 on 2000/02/07 by dzehme@cc_dzehme 'Cursor now moves to lower corne'
Change 44 on 2000/02/08 by dzehme@cc_dzehme 'Updated for VB 6.0 '
Change 45 on 2000/02/08 by dzehme@cc_dzehme 'Update for content development '
Change 46 on 2000/02/08 by dsprogis@CC_DSPROGIS 'Edited the OpenLog routine to h'
Change 47 on 2000/02/11 by dzehme@cc_dzehme 'Updated version information to '
Change 48 on 2000/02/17 by dzehme@cc_dzehme 'Created multi-threaded client '
Change 49 on 2000/02/17 by dzehme@cc_dzehme 'Added DoEvents to make communic'
Change 50 on 2000/02/17 by dzehme@cc_dzehme 'Introduced Content Creator  Int'
Change 51 on 2000/02/19 by dsprogis@CC_DSPROGIS 'Dismiss PORT open error - still'
Change 52 on 2000/02/21 by dzehme@cc_dzehme 'Added new content wizard  Added'
Change 53 on 2000/02/22 by dzehme@cc_dzehme 'Updated the packages  Updated t'
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Change 54 on 2000/02/23 by dzehme@cc_dzehme 'New Read Me '
Change 55 on 2000/02/23 by dzehme@cc_dzehme 'Created monitor program; Now ca'
Change 56 on 2000/02/24 by dzehme@cc_dzehme 'First cut of CineCast Daemon '
Change 57 on 2000/02/25 by dzehme@cc_dzehme 'Logging is now more comprehensi'
Change 58 on 2000/02/28 by dzehme@cc_dzehme 'Second pass at daemon.  This ve'
Change 59 on 2000/02/28 by dzehme@cc_dzehme 'Initial version (with Daemon ar'
Change 61 on 2000/02/28 by dzehme@cc_dzehme 'Added projector control strings'
Change 62 on 2000/02/28 by dzehme@cc_dzehme 'Implemented forwarding of log f'
Change 63 on 2000/02/29 by dzehme@cc_dzehme 'Added missing file '
Change 64 on 2000/02/29 by dzehme@cc_dzehme 'Updated stock content '
Change 65 on 2000/02/29 by dzehme@cc_dzehme 'Read Me Update '
Change 66 on 2000/02/29 by dzehme@cc_dzehme 'Created StaticTable update util'
Change 68 on 2000/03/03 by dzehme@cc_dzehme 'Work towards thin-thread '
Change 72 on 2000/03/03 by dzehme@cc_dzehme 'Added uploading  Added menus to'
Change 73 on 2000/03/03 by dzehme@cc_dzehme 'Added basic showings  Fixed the'
Change 74 on 2000/03/03 by dzehme@cc_dzehme 'Fixed upload to upload to a rea'
Change 75 on 2000/03/06 by dzehme@cc_dzehme 'First version of Production dae'
Change 76 on 2000/03/07 by dzehme@cc_dzehme 'Content is now delivering '
Change 77 on 2000/03/07 by dzehme@cc_dzehme 'Changed the border style '
Change 78 on 2000/03/07 by dzehme@cc_dzehme 'Can now specify volume for musi'
Change 79 on 2000/03/07 by dzehme@cc_dzehme 'Updated schedule request with g'
Change 80 on 2000/03/08 by dzehme@cc_dzehme 'Added recent lists  Added date/'
Change 81 on 2000/03/11 by dzehme@cc_dzehme 'handle timeouts of greater than'
Change 82 on 2000/03/12 by dzehme@cc_dzehme 'Projector control changes '
Change 83 on 2000/03/15 by dzehme@cc_dzehme 'Fixed bug with bad saved direct'
Change 84 on 2000/03/15 by dzehme@cc_dzehme 'Updated to reflect current stat'
Change 85 on 2000/03/20 by dzehme@cc_dzehme 'Lots of thin thread work includ'
Change 86 on 2000/03/20 by dzehme@cc_dzehme 'Missing thin thread file '
Change 87 on 2000/03/21 by dsprogis@CC_DSPROGIS 'Logging to CD bug fixed '
Change 88 on 2000/03/21 by dzehme@cc_dzehme 'Cleaned up name changes.  Teste'
Change 90 on 2000/03/21 by dzehme@cc_dzehme 'Log files now renamed on exit '
Change 91 on 2000/03/23 by dzehme@cc_dzehme 'Player now has performance work'
Change 92 on 2000/03/23 by dzehme@cc_dzehme 'Added saved reports  Fixed patr'
Change 93 on 2000/03/25 by dzehme@cc_dzehme 'Added printer friendly version '
Change 94 on 2000/04/17 by dzehme@cc_dzehme 'bandwidth requirements '
Change 96 on 2000/04/17 by dzehme@cc_dzehme 'Added check for safe mode '
Change 97 on 2000/04/17 by dzehme@cc_dzehme 'Forgot to update the project '
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Change 98 on 2000/04/24 by dzehme@cc_dzehme 'Updated readme for CD '
Change 99 on 2000/05/01 by dzehme@cc_dzehme 'Updated formatting to support N'
Change 101 on 2000/05/19 by dzehme@cc_dzehme 'Corrected the way aggregates we'
Change 103 on 2000/05/19 by dzehme@cc_dzehme 'Added loop option.  Added displ'
Change 105 on 2000/05/19 by dzehme@cc_dzehme 'Missing file '
Change 111 on 2000/06/02 by dzehme@cc_dzehme 'Added player test plan.  Fixed '
Change 112 on 2000/06/02 by dzehme@cc_dzehme 'Now checks serial port activati'
Change 114 on 2000/06/13 by dzehme@cc_dzehme 'Large amount of changes towards'
Change 119 on 2000/06/20 by dzehme@cc_dzehme 'Various changes for version 1.0'
Change 122 on 2000/07/05 by dzehme@cc_dzehme 'Version 1.0 changes '
Change 123 on 2000/07/05 by dzehme@cc_dzehme 'Added preprocessor to source tr'
Change 124 on 2000/07/05 by dzehme@cc_dzehme 'Messed up post-build step. '
Change 125 on 2000/07/05 by dzehme@cc_dzehme 'Added log.tmp reflection to pla'
Change 126 on 2000/07/06 by dzehme@cc_dzehme 'Version 1.0 changes '
Change 127 on 2000/07/16 by dzehme@cc_dzehme 'Lots of 1.0 changes. '
Change 128 on 2000/07/18 by dzehme@cc_dzehme 'Version 1.0 changes '
Change 129 on 2000/07/18 by dzehme@cc_dzehme 'Version 1.0 changes '
Change 130 on 2000/07/19 by dzehme@cc_dzehme 'Version 1.0 changes '
Change 131 on 2000/07/20 by dzehme@cc_dzehme 'Final version 1.0 changes '
Change 133 on 2000/07/25 by dzehme@cc_dzehme 'Fixed activation/black out time'
Change 135 on 2000/07/26 by dzehme@cc_dzehme 'Updated monitor to shutdown and'
Change 140 on 2000/09/11 by dzehme@cc_dzehme 'player - clearing autoload on l'
Change 142 on 2000/09/20 by dzehme@cc_dzehme 'player - logReset is now record'
Change 146 on 2000/10/03 by dzehme@cc_dzehme 'daemon - fixes to file download'
Change 147 on 2000/10/05 by dzehme@cc_dzehme 'web site - disabled autocommit '
Change 149 on 2000/10/12 by dzehme@cc_dzehme 'database - corrected handling o'
Change 150 on 2000/10/15 by dzehme@cc_dzehme 'daemon - bad database specifica'
Change 151 on 2000/10/15 by dzehme@cc_dzehme 'web site - summary of active an'
Change 152 on 2000/10/26 by dzehme@cc_dzehme 'web site - use regional daemon '
Change 153 on 2000/11/03 by dzehme@cc_dzehme 'daemon - change the default tim'
Change 154 on 2000/11/03 by dzehme@cc_dzehme 'player - remove log.tmp process'
Change 155 on 2000/11/08 by dzehme@cc_dzehme 'daemon - fixed problem where pa'
Change 156 on 2000/11/14 by dzehme@cc_dzehme 'web site - show list should hav'
Change 160 on 2000/11/22 by dzehme@cc_dzehme 'web site - bug: weird long dela'
Change 161 on 2000/11/22 by dzehme@cc_dzehme 'Missing files '
Change 162 on 2000/11/28 by dzehme@cc_dzehme 'Database optimizations. '
Change 163 on 2000/11/29 by dzehme@cc_dzehme 'web site - can only set specifi'
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CineCast™

Bringing life to the pre-feature movie screen through digital technology

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Press
Demonstration

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Patent Pending

Press

17 Mar 2000

The alpha version of the CineCast pre-show is running at the General Cinemas Framingham 16 Premium theater.NECN covered the opening of this new theater. This coverage includes the CineCast pre-show and comments fromCineCast's Vice President, Jack Leonard. CineCast is featured from 2:15 through 2:35.

NECN Framingham Premium Theater Video

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